

Press "1" to setup an INPUT.

```
SETUP INPUT MENU  
INPUT NUMBER: 01
```

We will start programming the inputs with input number 1. Type "1" followed by "ENTER" to program input number 1

```
SETUP INPUT MENU  
STEP NUMBER: 1
```

Normally when setting up an input we start with step number 1. We want to start programming at step 1 so just press ENTER to accept that step. Commands will be sent from the Mini Panel in order of their step number until an 'empty' step is encountered or four steps are completed.

```
INP: 01 STEP: 1  
1=ACCY 2=MACRO
```

At this point we're ready to tell the mini panel exactly which command to send when button 1 is pushed. Press "1" to send an accessory command.

```
INP: 01 STEP: 1  
ACCY NUMBER:
```

Type the accessory number "1" followed by "ENTER". Allowable NMRA accessory addresses are 1-2044. Accessory number 2044 is the broadcast address for accessories. There is no accessory address 0.

```
INP: 01 STEP: 1  
1=NORM 2=REV
```

Press "1" to send the accessory command for Normal when button 1 is pressed.

```
INP: 01 STEP: 2  
1=ACCY 2=MACRO
```

Note that the step number has increased to 2 indicating the last command has been accepted and the Mini Panel is ready for the next command for this input. We don't need any more commands for this input so press "PROG/ESC" to return to the main menu.

```
1=SETUP 2=REVIEW  
3=TEST OPERATION
```

Let's review the command that has just been programmed. Press "2" to review.

```
1=SETUP 2=REVIEW  
REVIEW INPUT:
```

Type "1" and press "ENTER" to review the command sent by input number 1

```
INP: 01 STEP: 1  
ACCY: 001 NORM
```

The LCD now displays the accessory number (1) that we entered and the turnout position (Normal). Press "ENTER" to see the next step for this input

```
INP: 01 STEP: 2  
--END--
```

The display now indicates that there are no more entries programmed into this string.

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REVIEW INPUT:
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INP: 01 STEP: 1  
ACCY: 001 NORM
```

The LCD now displays the accessory number (1) that we entered and the turnout position (Normal). Press "ENTER" to see the next step for this input

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INP: 01 STEP: 2  
--END--
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The display now indicates that there are no more entries programmed into this string.

At this point you may continue pressing "ENTER" to cycle up through all the command steps if you wish. The Input and step numbers will be displayed as well as a description of the command for that step. Press "PROG/ESC" to return to the main menu.

```
1=SETUP 2=REVEIW
3=TEST OPERATION
```

At this point we have programmed and reviewed the command(s) that will be sent when input number 1 is grounded. The command can be tested by pressing "3".

```
TESTING
INPUT NUMBER: 01
```

Press "1" followed by "ENTER" to test input 1. The command string associated with input number 1 will be sent.

```
1=SETUP 2=REVIEW
3=TEST OPERATION
```

Putting the Mini Panel into test mode will also allow testing of any input by grounding that input number. Pressing any button on the ProCab will return the Mini Panel to setup mode.

#### Finishing programing:

At this point we have programmed, reviewed and tested the command(s) that will be sent when input number 1 is grounded. In a similar manner we can program the commands for inputs 2,3 and 4 using the proper accessory or macro commands.

#### Other Useful Commands:

##### Link:

If you need more than 4 steps for an input you can "link" to the steps associated with another command. It is unusual that a control panel will need to use all thirty inputs. You can use the command steps for one or more of those inputs by linking to that input number.

Example: Assume that you need 6 steps for input number 1. Program the first 3 steps with the first three commands you want performed when input 1 is grounded. When you get to step 4 do not enter the fourth command, instead select the LINK command as follows. Press "ENTER" at the following prompt to see more command options:

```
INP: 01 STEP: 4
1=ACCY 2=MACRO
```

You will see more commands.

```
INP: 01 STEP: 2
3=LOCO 4=SIGNAL
```

Press "ENTER" again to see the "OTHER CMDS" Prompt.

```
INP: 01 STEP: 2
5=OTHER CMDS
```

Press "5" to be presented with "OTHER" commands that are available

```
SELECT CMD GROUP
1=DELAYS 2=WAIT
```

Press "ENTER" to see even more options

At this point you may continue pressing "ENTER" to cycle up through all the command steps if you wish. The Input and step numbers will be displayed as well as a description of the command for that step. Press "PROG/ESC" to return to the main menu.

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